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6830. *Gnathium minimum*, Say. Taken by Mr. Popenoe at Pueblo.

OEDEMERIDÆ.

6841. *Ditylus obscurus*, Lec. One specimen.

CURCULIONIDÆ.

6953. *Ophryastes vittatus*, Say. Four specimens, at Colorado Springs.

6954. *Thecesternus affinis*, Lec. One specimen.

— *Cleonus 4-lineatus*, Chevr. One specimen.
7106. *Balaninus nasicus*, Say. One specimen.

— *Balaninus quercus*, Horn. One specimen.

— *Acalles basalis*, Lec. One specimen.
— *Tricalaphus planirostris*, Lec. n. sp.

One specimen, described in Dr. LeConte's monograph on the "Rhynchophora of N. America," p. 413.

— *Baris* sp. An undetermined species.
— *Aulobaris ibis*, Lec. Three specimens, South Park.

7281a. *Sphenophorus vomerinus*, Lec., var. *baridioides*.

SCOLYTIDÆ.

7400. *Dendroctonus terebrans*, Lec. Eight specimens, at Colorado Springs.

7410. *Hylastes macer*, Lec. One specimen.

— *Hylastes longus*, Lec., n. sp. Described in Dr. LeConte's "Rhynchophora," p. 389. One specimen.

ANTHRIBIDÆ.

— *Brachytarsus griseus*, Lec., n. sp. Described on p. 405 of LeConte's "Rhynchophora." Taken in abundance at Girty's

Sulphur Springs, in South Park, upon *Actinella Richardsonii*.

SUMMARY OF SPECIES

(not including varieties.)

Cicindelidæ	10
Carabidæ	42
Dytiscidæ	5
Staphylinidæ	5
Silphidæ	4
Dermestidæ	4
Endomychidæ	1
Erotylidæ	2
Parnidæ	1
Histeridæ	5
Trogositidæ	4
Nitidulidæ	2
Coccinellidæ	12
Lucanidæ	1
Scarabæidæ	19
Buprestidæ	15
Elateridæ	10
Lampyridæ	6
Telephoridæ	3
Malachidæ	4
Cleridæ	6
Cerambycidæ	40
Spermophagidæ	3
Chrysomelidæ	32
Tenebrionidæ	25
Alleculidæ	1
Anthicidæ	5
Melandryidæ	2
Mordellidæ	5
Meloidæ	15
Oedemeridæ	1
Curculionidæ	11
Scolytidæ	2
Anthribidæ	1
Total: families, 34; species	304

In order to furnish the means of estimating the success of our expedition in collecting insects, it may be stated that the number of species of Coleoptera collected in Colorado in 1873 by the Government expedition under Lieut. Carpenter, was 165. In the summer of 1872 Mr. J. D. Putnam, of Davenport, Iowa, collected 250 species in the same region.

A LIST OF KANSAS COLEOPTERA.

By Edwin A. Popenoe.

The following list of Kansas coleoptera is merely preliminary, and is given as a basis for a more complete collection and more thorough study of our coleopterous fauna, which it is hoped will be made in the course of a few years. It is based upon the species in my own collection, but the list is largely increased by contributions from Prof. F. H. Snow, of the State University at Lawrence, to whom the credit belongs where Lawrence is given as a locality. Additional species were collected by Mr. George P. Cooper, at Topeka and in western Kansas, and by Mr. T. B. Ashton, at Tonganoxie.

Acknowledgments are due to Drs. LeConte and Horn, of Philadelphia, for the determination of many species, and to Mr. Henry Ulke, of Washington City, for similar favors. I also owe thanks to Mr. A. S. Johnson, of the A. T. & F. R. R., for opportunities to make collecting trips to the western part of the State, which I have several times enjoyed.

The number of species included at present is about 1,200, and double the number may be reasonably expected after a few years longer work.

I have given any notes on the different species, as to distribution, habits, etc., that I thought would be interesting or useful.

The numbers preceding the names of species correspond to those in Crotch's Check List, the order and nomenclature of which is generally followed, except in the Rhyncophora, where the late work of LeConte and Horn has been the guide.

Topeka, Kansas, July 25, 1877.

CICINDELIDÆ.

AMBLYCHILA, Say.

1. cylindriciformis, Say. Taken by Mr. George Cooper in Grove county. That collector has furnished the following notes on the habits of this interesting species: "They are chiefly nocturnal, and inhabit the sides and clayey banks of ravines, living in holes in the ground or side of the ravine. I took, in one instance, seven specimens from one hole, and have found two or three together since."

A single specimen of this beetle was found by the writer in Webster Park, Col., June, 1876.

TETRACHA, West.

9. virginica, L. Eastern Kansas; frequent. Crepuscular in habits.

CICINDELA, L.

10. obsoleta, Say. "Sargent, Kas." (Cooper).

10b. prasina, Lec. "Sargent, Kas." (Cooper).

14. pulchra, Say. Syracuse, Hamilton county; also along line of K. P. R. W. in extreme western Kansas.

15b. rugifrons, Dej. Var. Lecontei, Hald. Lawrence.

15d. Var. scutellaris, Say. Topeka and Lawrence; is found along streams.

18. sexguttata, Fab. Eastern Kansas; frequent; prefers sunny roads and paths in woodlands.

21. splendida, Hentz. Eastern Kansas; common.

22. purpurea, Oliv. Eastern Kansas; abundant. Var. Audubonii also found with the species.

25. generosa, Dej. Eastern Kansas; var. formosa, Say. From Dodge City west.

27. fulgida, Say. Extreme western Kansas.

28. tranquebarica, Hb. Lawrence and Topeka.

30. duodecimguttata, Dej. Eastern Kansas; common on sunny banks in woodlands.

32. repanda, Dej. Eastern Kansas; common.

33. hirticollis, Say. Lawrence and Topeka. At the latter locality on sand-bars in the Kansas river; common.

43. cuprascens, Lec. Lawrence, Topeka, Hutchinson, and Rooks county. Is found on sand-bars and banks of streams.

45. macra, Lec. With the last species, and apparently more common.

46. sperata, Lec. (Var.) "Dodge City." (Cooper.)

51. punctulata, Fab. Abundant in Eastern Kansas. Taken also in various localities throughout the State. Specimens from western Kansas and Colorado are frequently strongly tinged with blue or gold-green.

60. circumpecta, Laf. "Dodge City." (Cooper.)

65. cursitans, Lec. A few specimens of this species were taken by me at Morgan City Clay county, in June, 1875.

CARABIDÆ.

OMOPHRON, Latr.

72. americanum, Dej. Eastern Kansas.

73. tessellatum, Say. Bow creek, in Rooks county.

76. nitidum, Lec. Lawrence and Bow creek.

ELAPHRUS, Fab.

85. ruscarius, Say. Eastern Kansas; common, and found on the margins of streams and other muddy spots.

CALOSOMA, Weber.

131. externum, Say. Eastern Kansas; common.

134. scrutator, Fab. Eastern Kansas; common; climbs trees and bushes in search for its insect food.

137. Sayi, Dej. Eastern Kansas; rarely found.

138. peregrinator, Guer. Western Kansas.

140. triste, Lec. Western Kansas.

141. obsoletum, Say. Topeka and Lawrence.

142. semilæve, Lec. Lawrence.

143. calidum, Fab. Eastern Kansas; the most abundant species of the genus; very common in grain-fields in August.

147. discors, Lec. Lawrence.

CARABUS, L.

155. serratus, Say. Eastern Kansas.

159. sylvosus, Say. Eastern Kansas; both species are rare at Topeka.

NOMARETUS, Lec.

166. bilobus, Say. Eastern Kansas; rare.

CYCHRUS, Fab.

173. elevatus, Fab. Eastern Kansas.

PASIMACHUS, Bon.

200. elongatus, Lec. Common throughout Kansas.

205. californicus, Chd. Eastern Kansas; frequent.

SCARITES, Fab.

208. substriatus, Hald. Lawrence.

209. subterraneus, Fab. Eastern Kansas; common.

DYSCHIRIUS, Bon.

220. globulosus, Say. Eastern Kansas; common.

224. sphaericollis, Say. Topeka and Rooks county. Taken burrowing in sand-bars in Bow creek, Rooks county.

CLIVINA, Latr.

250. dentipes, Dej. Topeka and Lawrence.

259. elongata, Rand. Two specimens of a variety, taken at Topeka.

269. bipustulata, Fab. Eastern Kansas; common.

SCHIZOGENIUS, Putz.

276. lineolatus, Say. Topeka; one specimen.

BRACHYNUS, Web.

290. cyanipennis, Say. Eastern Kansas.

296. fuman's Fab. Eastern Kansas.

PANAGÆUS, Latr.

307. fasciatus, Say. Lawrence and Topeka; formerly rare, but twenty specimens were taken in the spring of 1877; they were found under stones and boards, on hillsides.

HELLUOMORPHA, Lap.

312. præusta, Dej. Eastern Kansas.
313. laticornis, Dej. Eastern Kansas; both species infrequent.

GALERITA, Fab.

317. atripes, Lec. Eastern Kansas.
318. janus, Fab. Eastern Kansas; both species common.

ZUPHIUM, Latr.

322. americanum, Dej. Topeka; one specimen.

CASONIA, Latr.

329. pennsylvanica, L. Eastern Kansas; common.

LEPTOTRACHELUS, Latr.

331. dorsalis, Fab. Eastern Kansas; infrequent.

LOXOPEZA, Chd.

340. grandis, Hentz. Eastern Kansas; common. Flies to a light at night.
341. atriventris, Say. Eastern Kansas; more common than the last named, and has very similar habits.

LEBIA, Latr.

345. pulchella, Dej. Topeka; two specimens taken in four years; one of these was captured flying around a light at night.

349. viridis, Say. Eastern Kansas; frequently brushed from weeds and flowers, and takes wing very readily.

350. pumila, Dej. Topeka; one specimen.
354. ornata, Say. Lawrence.
356. analis, Dej. Lawrence and Topeka; rare.

DIANCHOMENA, Chd.

359. abdominalis, Chd. Eastern Kansas.
360. scapularis, Dej. Eastern Kansas; abundant under garden refuse.

APHELOGENIA, Chd.

366. bivittata, Fab. Eastern Kansas; common. Found under refuse heaps in gardens and in similar localities.
368. divisa, Lec. Lawrence.

BLECHRUS, Motsch.

382. linearis, Lec. Topeka; frequent.
384. lucidus, Lec. Topeka; frequent.
385. pusio, Lec. Topeka.

APENES, Lec.

392. sinuata, Say. Topeka.

GLYCIA, Chd.

294. purpurea, Say. Eastern Kansas.

CYMINDIS, Latr.

397. laticollis, Say. Western Kansas.
398. brevipennis, Zimm. With the last.
406. americana, Dej. Topeka; one specimen.

PINACODERA, Schaum.

411. platicollis, Say. Topeka; one specimen.

CALLIDA, Dej.

419. punctata, Lec. Eastern Kansas; frequent.

RHOMBODERA, Reiche.

423. pallipes, Lec. Topeka; one specimen.

CALATHUS, Bon.

427. gregarius, Say. Eastern Kansas.

PLATYNUS, Bon.

456. decens, Say. Eastern Kansas.

461. extensicollis, Say. Eastern and middle Kansas; common.

463. decorus, Say. With the last, and equally common.

483. punctiformis, Say. Lawrence.

487. æruginosus, Dej. Lawrence.

498. nutans, Say. Eastern Kansas.

508. octopunctatus, Fab. Eastern Kansas; common.

514. placidus, Say. Eastern Kansas; frequent.

520. obsoletus, Say. Lawrence.

EVARTHURUS, Lec.

549. seximpressus, Lec. Eastern Kansas.

557. colossus, Lec. Eastern Kansas.

558. sodalis, Lec. var. corax. Lawrence and Topeka; frequent.

561. substriatus, Lec. Western Kansas; common.

562. constrictus, Say. Rooks county and Topeka.

PTEROSTICHUS, Bon.

605. ventralis, Say. Eastern Kansas.

608. stygicus, Say. Topeka.

616. permundus, Say. Eastern Kansas; frequent.

624. Sayi, Brulle. Eastern Kansas; common.

625. lucublandus, Say. With the last, but less common.

629. caudiculis, Say. Topeka; frequent.

633. mutus, Say. Topeka.

640. erythropus, Dej. Lawrence.

642. patruelis, Dej. Eastern Kansas.

643. femoralis, Kby. Topeka; two specimens.

— Two undetermined species.

AMARA, Bon.

673. carinata, Lec. Eastern Kansas; frequent. Often found under dead animals and the like. An undescribed Amara (near carinata) is found at Topeka and Lawrence.

682. exarata, Dej. Eastern Kansas.

685. latior, Kby. Lawrence.

688. angustata, Say. Lawrence.

694. impuncticollis, Say. Abundant throughout the State.

699. fallax, Lec. Lawrence.

702. polita, Lec. Topeka.

721. musculus, Say. Eastern Kansas; frequent.

BADISTER, Clairv.

725. notatus, Hald. Topeka; under stones, etc., in damp places. Not common.

DIPLOCHILA, Brulle.

733. laticollis, Lec. Eastern Kansas; not common.

735. obtusa, Lec. Topeka; not common. Taken under stones on dry hillsides.

DICÆLUS, Bon.

740. splendidus, Say. Eastern Kansas; frequent.

745. sculptilis, Say. Eastern Kansas; frequent.

752. elongatus, Dej. Eastern Kansas; common.

ANOMOGLOSSUS, Chd.

758. emarginatus, Say. Eastern Kansas; not rare.

759. pusillus, Say. Eastern Kansas; common.

CHLÆNIUS, Bon.

764. æstivus, Say. Eastern Kansas.

765. erythropus, Germ. Lawrence.

766. fuscicornis, Dej. Topeka.

768. laticollis, Say. Eastern Kansas; common.

771. lithophilus, Say. Eastern Kansas.

774. sericeus, Forst. Eastern Kansas; common.

780. solitarius, Say. Eastern Kansas; found on sand-bars, under driftwood.

781. nemoralis, Say. Eastern Kansas; frequent.

782. pennsylvanicus, Say. Eastern Kansas.

783. tricolor, Dej. Lawrence.

785. nebraskensis, Lec. One specimen taken in western Kansas (Rooks Co.)

791. impunctifrons, Say. Topeka; one specimen.

795. tomentosus, Say. Eastern and middle Kansas; common.

OODES, Bon.

805. cupræus, Chd. Eastern Kansas, on bars in Kansas River; swims readily on the surface of the water; not common.

NOTHOPUS, Lec.

815. zabroides, Lec. Western Kansas; (Cooper.)

GEOPINUS, Lec.

816. incrassatus, Dej. Lawrence and Topeka.

CRATACANTHUS, Dej.

818. dubius, Bv. Common throughout the State.

AGONODERUS, Dej.

822. lineola, Fab. Eastern Kansas; common.

824. comma, Fab. Eastern and middle Kansas; very abundant.

828. pauperculus, Dej. Topeka; common.

830. testaceus, Dej. Topeka; frequent.

DISCODERUS, Lec.

834. parallelus, Hald. Topeka and Lawrence.

ANISODACTYLUS, Dej.

843. rusticus, Dej. Eastern Kansas; abundant.

843a. tristis, Dej. Eastern Kansas.

844. pinguis, Lec. Lawrence.

845. dulcicollis, Laf. Topeka.

846. carbonarius, Say. Eastern Kansas; common.

860. baltimorensis, Say. Eastern Kansas; abundant.

871. sericeus, Harris. Eastern Kansas; common.

XESTONOTUS, Lec.

872. lugubris, Dej. Topeka; two specimens.

SPONGOPUS, Lec.

873. verticalis, Lec. Eastern Kansas; common.

AMPHASIA, Newm.

874. interstitialis, Say. Eastern Kansas; common.

ANISOTARSUS, Chd.

878. terminatus, Say. Eastern Kansas; common.

879. agilis, Dej. Topeka; rare.

GYNANDROPUS, Dej.

886. hylacis, Say. Lawrence.

BRADYCELLUS, Er.

888. dichrous, Dej. Lawrence.

890. autumnalis, Say. Lawrence.

891. badiipennis, Hald. Topeka; rare.

892. atrimediis, Say. Topeka; rare.

900. rupestris, Say. Lawrence.

SELENOPHORUS, Dej.

917. troglodytes, Dej. Western Kansas.

HARPALUS, Latr.

924. erraticus, Say. Eastern Kansas.

926. amputatus, Say. Western Kansas;

also, Topeka. One specimen.

928. caliginosus, Fab. Eastern Kansas; very common.

929. faunus, Say. Lawrence.

932. pennsylvanicus, Dej. Eastern Kansas; very common in autumn.

933. compar, Lec. Eastern Kansas; equally common with the last named.

934. erythropus, Dej. Topeka; not rare.

940. herbivagus, Say. Eastern Kansas; very common.

946. cautus, Dej. Lawrence.

963. testaceus, Lec. Western Kansas, along the Arkansas river. Five specimens, taken by the writer in different localities.

STENOLOPHUS, Dej.

976. conjunctus, Say. Eastern Kansas; very abundant in winter and spring.

982. ochropezus, Say. Eastern Kansas.

PATROBUS, Dej.

992. longicornis, Say. Topeka and Lawrence.

BEMBIDIUM, Latr.

1026. inæquale, Say. Eastern Kansas; not common.

1029. coxendix, Say. Eastern Kansas and Rooks county; common.

1037. chalcæum, Dej. Topeka.

1072. picipes, Kby. Lawrence.

1080. cordatum, Lec. Great Spirit salt spring. Mitchell county.

1090. dorsale, Say. Lawrence.

1097. intermedium, Kby. Eastern Kansas; common. Also taken by me at Great Spirit Spring.

1100. pictum, Lec. Eastern Kansas.

1102. contractum, Say. Topeka.

— texanum, Chd. (Mss.) A species so named by Dr. LeConte is not rare at Topeka.

1119. quadrimaculatum, L. Topeka; common.

1122. lævigatum, Say. Eastern Kansas; not common.

TACHYS, Ziegler.

1129. scitulus, Lec. Lawrence.

1143. nanus, Gyll. Lawrence.

1145. flavicauda, Say. Topeka.

1148. tripunctatus, Say. Topeka.

1149. vivax, Lec. Lawrence.

1156. incurvus, Say. Topeka and Lawrence.

1160. dolosus, Lec. Topeka; common.

PERICOMPSUS, Lec.

1165. ephippiatus, Say. Lawrence and Topeka; rare. My only specimen was taken from the mud on the bank of a small stream.

HALIPLIDÆ.

HALIPLUS, Latr.

1175. triopsis, Say. Topeka.

— One undetermined species.

CNEMIDOTUS, Er.

1183. duodecimpunctatus, Say. Lawrence and Topeka; rare.

DYTISCIDÆ.

ERETES, Lap.

1185. sticticus, Linn. Smoky Hill river. (Cooper.)

HYDROPORUS, Clv.

1210. nubilus, Lec. Topeka and Great Spirit Spring.

1238. mixtus, Lec. Topeka; infrequent.

1240. vittatus, Lec. Topeka; two specimens.

1246. modestus, Aube. Topeka.

CYBISTER, Curt.

1273. fimbriolatus, Say. Topeka and

Rooks county; common.

LACCOPHILUS, Leach.

1277. maculosus, Germ. Eastern Kansas.
1278. fasciatus, Aube. Topeka; very common.
1279. proximus, Say. Lawrence and Topeka.

ACILIUS, Leach.

1288. mediatus, Say. Topeka; a single specimen.

GRAPHODERES, Esch.

1294. liberus, Say. Eastern Kansas.

COLYMBETES, Civ.

1300. sculptilis, Harris. Eastern Kansas.

DYTISCUS, L.

1316. hybridus, Aube. Lawrence and Topeka.

COPTOTOMUS, Say.

1338. interrogatus, Fab. Eastern Kansas.

COPELATUS, Er.

1340. glyphicus, Say. Lawrence.
1341. Chevrolatii, Aube. Topeka; three specimens.

GAUROYDITES, Thom's.

1346. tæniolatus, Harr. Lawrence.
1369. stagninus, Say. Topeka; infrequent.
— One undetermined species.

GYRINIDÆ.

DINEUTES, MacL.

1389. assimilis, Aube. Rooks county and eastern Kansas; abundant.

GYRINUS, L.

1409. analis, Say. Eastern Kansas.
1412. minutus, Fab. Topeka; one specimen.

HYDROPHILIDÆ.

HELOPHORUS, Fab.

1423. lineatus, Say. Topeka.

HYDROCHUS, Leach.

1426. scabratus, Muls. Topeka; frequent.
1438. simplex, Lec. Topeka.

HYDROPHILUS, Geoff.

1448. ovatus, H. and G. Lawrence.
1449. triangularis, Say. Eastern Kansas; common.

TROIPISTERNUS, Sol.

1450. nimbatus, Say. Eastern and middle Kansas; common. Specimens were taken by me from the Great Spirit Spring.
1455. glaber, Hbst. Less common than the last, and found in the same localities.

HYDROCHARIS, Latr.

1461. obtusatus, Say. Eastern and middle Kansas; Great Spirit Spring; common.

BEROSUS, Leach.

1476. infuscatus, Lec. Lawrence.
1477. striatus, Say. Topeka; not common.

LACCOBIUS, Er.

1480. agilis, Rand. Topeka and Rooks county.

CHÆTARTHRIA, Steph.

1485. pallida, Lec. Rooks county.

PHILHYDRUS, Sol.

1496. cinctus, Say. Lawrence.
1497. diffusus, Lec. Lawrence.
1499. perplexus, Lec. Eastern Kansas; Great Spirit Spring; common.

HYDROBIUS, Leach.

- An undetermined species. Lawrence.

CERCYON, Leach.

- An undetermined species. Lawrence.

STAPHYLINIDÆ.

FALAGRIA, Leach.

1596. dissecta, Er. Topeka.
1597. venustula, Er. Topeka; frequent.
— N. sp. Topeka.

HOPLANDRIA, Kr.

- N. sp. Topeka.

HOMALOTA, Mann.

- Six undetermined species, taken at Topeka, are in my collection.

ATEMELES, Steph.

1656. cavus, Lec. Rare; taken at Tong-anoxie, by Mr. T. B. Ashton; a single specimen found by me, at Pueblo, Colorado.

ALEOCHARA, Grav.

1660. lata, Grav. Eastern Kansas; common.

1662. bimaculata, Grav. Eastern Kansas.

1666. nitida, Grav. Topeka.

GYROPHÆNA, Mann.

1674. vinula, Er. Topeka.

1675. dissimilis, Er. Topeka.

LEUCOPARYPHUS, Kr.

1688. silphoides, L. Topeka.

COPROPORUS, Kr.

1691. punctipennis, Lec. Topeka.

1692. ventriculus, Er. Topeka.

TACHINUS, Grav.

- An undetermined species. Topeka.

TACHYPORUS, Grav.

1708. jocosus, Say. Topeka.

1709. brunneus, F. Topeka.

1712. chrysomelinus, L. Topeka.

1713. maculipennis, Lec. Topeka.

CONOSOMA, Kr.

— scriptum, Horn. Ms.

1714. crassum, Grav. Topeka; rare.

1715. basale, Er. Topeka; frequent.

— Two undescribed species. Topeka.

BOLETOBIUS, Leach.

1726. cinctus, Grav. Topeka; two specimens.

BRYOPORUS, Kr.

- An undetermined species. Topeka.

MYCETOPORUS, Mann.

- One undescribed species. Topeka.

QUEDIUS, Steph.

1754. fulgidus, Fab. Lawrence and Topeka.

- An undescribed species. Topeka.

CREOPHILUS, Kby.

1771. villosus, Grav. Eastern Kansas; common.

LEISTOTROPHUS, Perty.

1773. cingulatus, Grav. Eastern Kansas.

STAPHYLINUS, L.

1777. maculosus, Grav. Eastern Kansas; common.

1781. vulpinus, Nordm. Eastern Kansas.

1782. fossator, Grav. Topeka and Lawrence.

1784. tomentosus, Grav. Eastern Kansas.

BELONUCHUS, Nordm.

1801. formosus, Grav. Topeka.

PHILONTHUS, Leach.

1802. cyanipennis, Fab. Eastern Kansas; found in fungi and in decaying vegetable matter.

1806. cautus, Er. Topeka; two specimens.

1807. hepaticus, Er. Topeka; common.

1818. palliatus, Grav. Topeka.
1820. thoracicus, Lawrence and Topeka.
Topeka.

1822. micans, Grav. Topeka.
1824. brunneus, Grav. Topeka.
1833. baltimorensis, Grav. Topeka; has
the habits of cyanipennis.

1837. pæderoides, Lec. Topeka.

GYROHYPNUS, Leach.

1849. cephalus, Say. Topeka.

1854. pusillus, Sachse. Topeka.

— An undetermined species. Lawrence.

— One undescribed species. Topeka.

DIOCHUS, Er.

1864. Schaumii, Kr. Topeka.

LATHROBIUM, Grav.

1869. puncticolle, Kby. Lawrence.

1873. brevipennis, Lec. Topeka.

1879. longiusculum, Grav. Topeka and
Lawrence.

— Three undescribed species. Topeka.

CRYPTOBIUM, Mann.

1882. badium, Grav. Topeka.

1884. bicolor, Grav. Eastern Kansas.

1889. pallipes, Grav. Eastern Kansas.

1890. latebricola, Nordm. Topeka.

RUGILUS, Leach.

1896. angularis, Er. Topeka.

1897. dentatus, Say. Topeka.

SCOPÆUS, Er.

— An undescribed species. Topeka.

LITHOCHARIS, Er.

1901. corticina, Grav. Topeka.

1902. confluens, Say. Topeka and Law-
rence.

— ochracea, Grav. Topeka.

SUNIUS, Steph.

1908. longiusculum, Mann. Topeka; abun-
dant in the fall, winter and spring, under
stones and boards.

PÆDERUS, Grav.

1914. littorarius, Grav. Eastern Kansas;
common.

PINOPHILUS, Grav.

1921. opacus, Lec. Topeka; not common.

STENUS, Latr.

1927. colon, Say. Topeka; one specimen.

1932. stygius, Say. Topeka.

1933. colonus, Er. Topeka.

1934. egenus, Er. Topeka; not rare in
winter under stones.

1949. callosus, Er. Topeka.

— N. sp. Topeka.

EUÆSTHETUS, Grav.

1951. americanus, Er. Topeka; one speci-
men.

OXYPORUS, F.

1957. rufipennis Lec. Topeka; rare.

1959. stygius Say. Topeka; one speci-
men.

OSORIUS, Latr.

1963. latipes Grav. Topeka and Law-
rence; frequent.

BLEDIUS, Leach.

1968. rubiginosus Er. Lawrence.

1976. annularis Lec. Topeka.

OXYTELUS, Grav.

1992. sculptus Grav. Topeka.

1993. insignitus Grav. Topeka.

— An undetermined species. Topeka.

APOCELLUS, Er.

— N. sp. Topeka.

TROGOPHILÆUS, Mann.

— Two new species. Topeka.

ANTHOPHAGUS, Grav.

— One undetermined species. Topeka.

OLOPHRUM, Er.

2023. rotundicollis Say. Topeka and Law-
rence.

OMALIUM, Grav.

— One undetermined species. Topeka.

GLYPTOMA, Er.

2078. costale Er. Topeka; one specimen.

PSELAPHIDÆ.

TMESIPHORUS, Lec.

2093. costalis Lec. Topeka; frequent und-
er decayed logs.

CTENISTES, Reich.

2096. pulvereus Lec. Topeka.

BRYAXIS, Leach.

— Several undetermined species. To-
peka.

SILPHIDÆ.

SILPHA, Linn.

2176. marginata Fab. Eastern Kansas;
common.

2181. pustulata Hersch. Topeka; a single
specimen.

2183. americana Oliv. Eastern Kansas;
frequent.

2184. orbicollis Say. Eastern Kansas; in-
frequent.

2185. tomentosa Web. Eastern Kansas;
frequent.

PELTIS, Geoff.

2187. surinamensis Fab. Eastern Kansas;
common.

2188. lapponica Hb. Lawrence.

2192. noveboracensis Forst. Eastern Kan-
sas; common.

2193. inæqualis Fab. Eastern Kansas;
common.

2194. truncata Say. Western Kansas.

2195. ramosa Say. "Fort Dodge and west."
(Cooper.)

2196. americana L. Eastern Kansas; fre-
quent.

CHOLEVA, Latr.

2206. opaca Say. Eastern Kansas; rare.

CATOPS, Payk.

2218. brunneipennis, Mann. Topeka; one
specimen.

COLENIS, Er.

2246. impunctata Lec. Topeka; one speci-
men.

SCYDMÆNIDÆ.

SCYDMÆNUS, Latr.

— An undetermined species; Topeka.

CORYLOPHIDÆ.

ORTHOPERUS, Steph.

2309. glaber Lec.

SACIUM, Lec.

— An undetermined species; Topeka.

SCAPHIDIIDÆ.

SCAPHIDIUM, Oliv.

2325. quadriguttatum Say. Eastern Kan-
sas.

2327. piceum Mels. Topeka; two speci-
mens.

SCAPHISOMA, Leach.

2333. convexum Say. Topeka.

— An undetermined species; Topeka.

TOXIDIUM, Lec.

2339. *gammaroides* Lec. Topeka; frequent.

LATRIDIIDÆ.

LATRIDIUS, Hb.

- An undetermined species is common at Topeka.

DERMESTIDÆ.

DERMETES, Linn.

2392. *marmoratus* Say. Throughout the State.

3393. *Mannerheimii* Lec. Topeka.

2394. *fasciatus* Lec. Lawrence.

2395. *nubilus* Say. Eastern Kansas.

2400. *pulcher* Lec. Eastern Kansas; rare.

2401. *lardarius* Linn. Eastern Kansas; introduced. Not common.

2403. *bicolor* Fab. Lawrence.

2404. *maculatus* Deg. Lawrence.

ATTAGENUS, Latr.

2406. *megatoma* Fab. Eastern Kansas; frequent.

TROGODERMA, Latr.

2418. *tarsalis* Mels. Eastern Kansas; frequent. This and the preceding are very destructive in collections of bird-skins or insects.

CRYPTORHOPALUM, Guer.

2424. *picicorne* Lec. Topeka.

ANTHRENUS, Geoff.

3428. *thoracicus* Mels. Topeka.

2430. *varius* Fab. Topeka.

ENDOMYCHIDÆ.

LYCOPERDINA, Latr.

2435. *ferruginea* Lec. Eastern Kansas.

MYCETINA, Muls.

3439. *vittata* Fab. Eastern Kansas.

ENDOMYCHUS, Hellw.

2451. *biguttatus* Say. Eastern Kansas.

ALEXIA, Steph.

3456. *minor* Cr. Topeka.

TRITOMIDÆ.

TRITOMA, Geoff.

2457. *punctatus* Say. Eastern Kansas; not common.

2458. *flexuosus* Say. Eastern Kansas; frequent.

2463. *pluripunctatus* Lec. Topeka; rare.

CRYPTOPHAGUS, Payk.

- An undetermined species. Topeka.

LITARGUS, Er.

2472. *didesmus* Say. Topeka; frequent.

TYPHŒA, Curt.

2474. *fumata* L. Lawrence.

CIOIDÆ.

CIS, Latr.

- Three undetermined species, taken at Topeka.

EROTYLIDÆ.

LANGURIA, Latr.

2505. *bicolor* Fab. Eastern Kansas. Var. *puncticollis* Say, is common on *Cacalia tuberosa*.

2506. *Mozardi* Latr. Eastern Kansas; not rare.

2509. *angustata* Bv. Lawrence.

- 2509a. *trifasciata* Say. Eastern Kansas; found under stones in early spring; rare.

2512. *Lecontei* Crotch. Eastern Kansas; rare.

DACNE, Latr.

2515. *quadrimaculata* Say. Topeka; one specimen.

HYPODACNE, Lec.

- *punctata*, Lec. Topeka and Lawrence.

MEGALODACNE, Cr.

2517. *fasciata* Fab. Lawrence.

ISCHYRUS, Lac.

2520. *quadripunctatus* Oliv. Eastern Kansas.

MYCOTRETUS, Lac.

2524. *pulchra* Say. Topeka; taken from under walnut bark; rare.

CYRTOTRIPLAX, Cr.

2530. *atriventris* Lec. Topeka; three specimens.

2532. *unicolor* Say. Eastern Kansas; common.

TRIPLAX, Hb.

2537. *thoracica* Say. Eastern Kansas; common.

2540. *flavicollis* Lec. Topeka; one specimen.

ATOMARIIDÆ.

TOMARUS, Lec.

2562. *pulchellus* Lec. Topeka.

ATOMARIA, Steph.

2573. *ephippiata* Zimm. Topeka; common.

EPHISTEMUS, Steph.

2574. *apicalis* Lec. Topeka.

LOBERUS, Lec.

2576. *impressus* Lec. Topeka.

SILVANUS, Latr.

2579. *advena* Waltl. Topeka.

2580. *surinamensis*, Linn. Topeka; common; infesting mills and granaries.

2582. *planatus* Germ. Topeka; under bark.

CUCUJIDÆ.

CATOGENUS, Westw.

2592. *rufus* Fab. Eastern Kansas.

CUCUJUS, Fab.

2594. *clavipes* Fab. Eastern Kansas.

LÆMOPHLEUS, Lap.

2598. *biguttatus* Say. Lawrence.

ULIOTA, Latr.

2610. *dubia* Fab. Eastern Kansas; frequent.

BITOMIDÆ.

BITOMA, Hb.

2614. *striatus* Mels. Eastern Kansas.

TROGOXYLON, Lec.

2618. *parallelipedum* Mels. Lawrence.

COLYDIDÆ.

SYNCHYTODES, Cr.

2626. *quadriguttata* Say. Topeka.

EUDESMA, Lec.

2627. *undulata* Mels. Topeka.

SYNCHITA, Hellw.

2628. *granulata* Say. Topeka.

2629. *nigripennis* Lec. Lawrence.

CICONES, Curt.

2633. *marginalis* Mels. Topeka.

COLYDIUM, Fabr.

2642. *lineola* Say. Topeka.

BOTHRIDERES, Er.

2646. *geminatus* Say. Topeka.

- PHILOTHERMUS, Aube.
 2652. glabriculus Lec. Topeka.
 CERYLON, Latr.
 2654. castaneum Say. Topeka.
 RHYSSODIDÆ.
 RHYSSODES, Dalm.
 3657. exaratus Ill. Eastern Kansas.
 RHIZOPHAGIDÆ.
 RHIZOPHAGUS, Hb.
 2663. bipunctatus Say. Topeka; two specimens.
 HESPEROBÆNUS, Lec.
 2670. rufipes Lec. Lawrence.
 MONOTOMA, Hb.
 2673. fulvipes Mels. Lawrence.
 TROGOSITIDÆ.
 ALYNDRIA, Er.
 2684. cylindrica Serv. Tonganoxie, Lawrence, Topeka.
 TENEBRIOIDES, Pall.
 2686. mauritanica L. Topeka.
 2688. corticalis Mels. Eastern Kansas.
 2693. castanea Mels. Topeka; a single specimen, taken under bark.
 2693a. laticollis Horn. Topeka and Lawrence.
 2693b. obscura Horn. Topeka.
 NITIDULIDÆ.
 TRIXAGUS, Kug.
 2705. unicolor Say. Topeka; taken on flowers of Cornus.
 CERCUS, Latr.
 2710. abdominalis Er. Topeka and Lawrence.
 CARPOPHILUS, Steph.
 2726. hemipterus Linn. Topeka.
 2728. rufus Murr. Western Kansas.
 EPURÆA, Er.
 2752. rufa Say. Eastern Kansas; an undetermined species; Lawrence.
 NITIDULA, Fabr.
 2753. bipustulata L. Eastern Kansas; common.
 2754. rufipes L. Lawrence.
 2755. ziczac Say. Throughout Kansas, varying greatly in size; common.
 PROMETOPIA, Er.
 2756. sexmaculata Say. Eastern Kansas.
 OMOSITA, Er.
 2760. colon L. Eastern Kansas; common.
 PHENOLIA, Er.
 2762. grossa Fab. Eastern Kansas. Found in fungi and in decayed wood; frequent.
 MELIGETHES, Steph.
 2766. sœvus Lec.
 PALLODES, Er.
 2783. silaceus Er. Topeka; in fungi.
 CRYPTARCHA, Shuck.
 2785. ampla Er. Lawrence.
 PITYOPHAGUS, Shuck.
 2788. quadriguttatus Fab. Eastern Kansas; common.
 PHALACRIDÆ.
 PHALACRUS, Payk.
 2806. politus Mels. Topeka; frequent.
 OLIBRUS, Er.
 2817. consimilis Msh. Topeka; common.

2819. nitidus Mels. Topeka; very abundant throughout the year.
 — One undetermined species; Topeka.

COCCINELLIDÆ.

EPILACHNA, Redt.

— borealis Fab. Lawrence.

MEGILLA, Muls.

2823. maculata DeG. Eastern Kansas; occurs in great numbers. The most abundantly represented species of the family in this section.

HIPPODAMIA, Chev.

2830. glacialis Fab. Throughout the State; common, and varies much in the black elytral markings. A specimen in my cabinet has the markings united into a broad, black triangle, with a small central red dot. Others have three small black dots disposed in a triangle.

2832. convergens Guer. Common throughout Kansas. The most abundant coccinellid in Western Kansas, where it occurs on Helianthus and other coarse, strong-scented herbs. Specimens with immaculate elytra are frequent.

2836. tridecimpunctata L. Eastern Kansas; not common.

2837. parenthesis Say. Eastern and Western Kansas; infrequent at Topeka.

COCCINELLA, Linn.

2847. novemnotata Hb. Eastern Kansas; common.

2848. quinquenotata Kby. Western Kansas.

CYCLONEDA, Cr.

2853. sanguinea L. Eastern and middle Kansas; very abundant.

2854. oculata Fab. Topeka; frequent.

2854a. abdominalis Say. Eastern and middle Kansas; occurs with the last in about the same numbers.

ADALIA, Muls.

2856. bipunctata Linn. Lawrence.

ANATIS, Muls.

2862. quindecimpunctata Oliv. Eastern Kansas.

CHILOCORUS, Leach.

2869. bivulnerus Muls. Eastern Kansas; frequent.

EXOCHOMUS, Redt.

— tripustulatus DeG. Topeka.

GENEIS, Muls.

2874. pusilla Lec. Topeka. ((

BRACHYACANTHA, Muls.

2876. dentipes Fab. Eastern Kansas; common.

2877. ursina F. Eastern Kansas; frequent.

2877c. basalis Mels. Lawrence.

HYPERASPIS, Chev.

2882. fimbriolata Mels. Topeka; Rooks county.

2889. proba Say. Lawrence.

2892. lugubris Rand. Topeka.

2894. undulata Say. Topeka.

2896. annexa Lec. Western Kansas.

SCYMNUS, Kug.

2904. flavifrons Mels. Lawrence.

2919. hæmorrhous Lec. Topeka.

2920. caudalis Lec. Topeka.

— Three undetermined species. Topeka.

PARNIDÆ.

HELICHUS, Er.

2975. lithophilus Germ. Lawrence.

2976. fastigiatus Say. Topeka.
2977. striatus Lec. Topeka; rare.

HETEROCERIDÆ.

HETEROCERUS, Fab.

3014. limbatus Kies.
3016. pallidus Say. Topeka and Rooks county.
— Three other species.

HISTERIDÆ.

HOLOLEPTA, Payk.

3023. fossularis Say. Eastern Kansas; frequent.

HISTER, L.

3032. biplagiatus Lec. Eastern Kansas; frequent.
3033. Ulkei Horn. Western Kansas.
3037. Harrisii Kby. Eastern Kansas.
3039. interruptus Bv. Var. Topeka.
3049. abbreviatus Fab. Topeka; frequent.
3053. depurator Say. Eastern Kansas; frequent.
3055. incertus Mars. Topeka.
3059. defectus Lec. Topeka.
3063. sedecimstriatus Say. Eastern Kansas; common.
3065. americanus Payk. Eastern Kansas; common.
3068. nubilus Lec. Topeka.
3069. pollutus Lec. Lawrence.
3073. subrotundus Say. Topeka and Rooks county; common.
3074. vernus Say. Topeka.
3076. carolinus Payk. Eastern Kansas; under elm bark; common.
3077. Lecontei Mars. Lawrence and Topeka.

EPIERUS, Er.

3090. pulicarius Er. Topeka.

TRIBALUS, Er.

3094. americanus Lec. Topeka.

PAROMALUS, Er.

3103. estriatus Lec. Topeka.
3104. conjunctus Say. Topeka.
3107. 14-striatus Steph. Topeka.
3114. bistriatus Er. Topeka.

DENDROPHILUS, Leach.

3116. punctulatus Say. Topeka and Lawrence.

SAPRINUS, Leach.

3119. rotundatus Kug. Lawrence and Topeka.

3131. lugens Er. Topeka and western Kansas.

3133. pennsylvanicus Pk. Throughout Kansas; common. Western specimens seem to have the metallic hues brightest.

3138. assimilis Payk. Throughout Kansas.

3141. placidus Er. Topeka.

BACANIUS, Lec.

3186. misellus Lec. Topeka.

LUCANIDÆ.

LUCANUS, L.

3202. elaphus F. Lawrence.
3203. dama Thumb. Eastern Kansas; common.
3204. placidus Say. Eastern Kansas; common.

DORCUS, McL.

3207. parallelus Say. Topeka and Lawrence; rare.

PLATYCERUS, Geoff.

3208. quercus Web. Eastern Kansas.

CERUCHUS, McL.

3213. piceus Web. Eastern Kansas.

PASSALUS, Fab.

3216. cornutus Fab. Eastern Kansas; frequent.

SCARABÆIDÆ.

CANTHON, Hoff.

3228. viridis Bv. Topeka; rare.
3230. hudsonias Forst. Throughout Kansas; abundant at Topeka.

CHCERIDIUM, Lep.

3233. histeroides Web. Eastern Kansas.

COPRIS, Geoff.

3234. carolina Linn. Eastern Kansas; rare.
3237. anaglypticus Say. Eastern Kansas; common.
3238. minutus Dru. Eastern Kansas; common.

PHANÆUS, McL.

3241. carnifex Linn. Eastern Kansas; abundant.

3242. triangularis Say. Lawrence; rare. Specimens sent me by Mr. G. F. Gaumer.

ONTHOPHAGUS, Latr.

3244. latebrosus Fab. Eastern and middle Kansas; common.

8126. pennsylvanicus Hn. Eastern Kansas.

APHODIUS, Ill.

3259. fimetarius L. Eastern Kansas; frequent.

3268. granarius L. Topeka and Lawrence.

3274. serval Say. Lawrence.

3275. inquinatus Hb. Topeka; frequent.

3282. rubeolus Bv. Topeka; rare.

3283. stercorosus Mels. Eastern Kansas.

3291. concavus Say. Eastern Kansas; infrequent.

3293. alternatus Hn. Lawrence.

3296. bicolor Say. Eastern Kansas.

3299. femoralis Say. Eastern Kansas; abundant.

3302. oblongus Say. Topeka.

ATÆNIUS, Harr.

3309. robustus Horn. Topeka; rare.

3311. gracilis Mels. Topeka; one specimen.

3313. stercorator Fab. Eastern Kansas.

3319. abditus Hald. Lawrence.

RHYSSSEMUS, Muls.

- new species. Topeka; found in pools left after rain.

BOLBOCERAS, Kby.

3351. farctus Fab. Eastern Kansas; frequent.

3352. lazarus Fab. Eastern Kansas; common.

ODONTÆUS, Klug.

3353. flicornis Say. Eastern Kansas; rare.

GEOTRYPES, Latr.

3357. splendidus Fab. Eastern Kansas; common.

3359. Egeriei Germ. Eastern Kansas; common.

3360. opacus Hald. Eastern Kansas; infrequent.

CLÆOTUS, Germ.

3367. aphodioides Ill. Eastern Kansas; frequent.

TROX, Fab.

3375. pustulatus Lec. Eastern Kansas.

3377. suberosus Fab. Lawrence and Topeka.
 3378. morsus Lec. Lawrence.
 3379. punctatus Germ. Eastern and western Kansas; common.
 3381. Sonoræ. Topeka; common.
 3383. porcatu Say. Lawrence.
 3384. tuberculatus DeG. Eastern Kansas.
 3386. foveicollis Harold. Lawrence.
 3387. terrestris Say. Topeka.
 3388. capillaris Say. Topeka; frequent.
 3390. æqualis Say. Eastern Kansas.
 3394. atrox Lec. Topeka; two specimens.

SERICA, McL.

3429. vespertina Sch. Eastern Kansas.
 3436. sericea Ill. Eastern Kansas.

MACRODACTYLUS, Latr.

3445. subspinosus F. (?) Topeka.

DIPILOTAXIS, Kby.

3469. frondicola Say. Eastern Kansas; common.

PHYLLOPHAGA, Harris.

3502. congrua Lec. Topeka and Lawrence.
 3503. futilis Lec. Lawrence.
 3504. fusca Frohl. Eastern Kansas.
 3504d. puncticollis Bl. Eastern Kansas.
 3504e. Drakii Kby. Lawrence.
 — micans Lec. Lawrence.
 3512. cognata Burm. Lawrence.
 3513. fraterna Harr. Lawrence.
 3516. calceata Lec. Lawrence.
 3517. marginalis Lec. Lawrence.
 3518. crassissima Bl. Rooks county.
 3520. rugosa Mels. Lawrence.
 3523. ilicis Kn. Lawrence.
 3527. hirticula Kn. Eastern Kansas.
 3528. hirsuta Kn. Lawrence.
 3540. crenulata Frohl. Eastern Kansas.
 3543. rubiginosa Lec. Lawrence.
 3547. tristis Fab. Eastern Kansas; common.

TOSTEGOPTERA, Bl.

3564. anceolata Say. Rare at Topeka, but very common in the middle and western Kansas.

MACRANOXIA, Cr.

3566. Hammondi Lec. Rare at Topeka; common in middle Kansas.

ANOMALA, Kæppe.

3577. varians Fab. Eastern Kansas; common.
 3578. minuta Burm. Eastern Kansas; less common than the last.
 3581. binotata Gyll. Topeka and western Kansas; frequent.

3584. marginata Fab. Eastern Kansas.

STRIGODERMA, Bm.

3588. arboricola Fab. Western Kansas; quite rare at Topeka.

PELIDNOTA, McL.

3589. punctata L. Eastern Kansas; common.

COTALPA, Bm.

3593. lanigera L. Eastern Kansas; not common.

3596. ursina Hn. "Topeka, (?) but without doubt from Kansas." (Cooper.)

CYCLOCEPHALA, Latr.

3597. immaculata Burm. Eastern Kansas; very abundant.

CHALEPUS, McL.

3607. trachypygus Bm. Eastern Kansas; rare.

— Another species, "more strongly punctured than obsoletus" (Lec.), size of *Ligyris relictus* (Say.) Dodge City.

LIGYRUS, Bm.

3609. gibbosus DeG. Throughout Kansas; very abundant at Topeka, burrowing at the roots of the cocklebur (*Xanthium*).

3612. relictus Say. Eastern Kansas; common about manure piles.

POLYMÆCHUS, Lec.

3620. brevipes Lec. Lawrence.

XYLORYCTES, Hope.

3621. satyrus Fab. Topeka and Lawrence.

STRATEGUS, Hope.

3622. antæus, Fab. "Topeka." (Cooper.)

DYNASTES, Kby.

3627. tityus Linn. "Smoky Hill river." (Cooper.)

PHILEURUS, Latr.

3631. valgus F. Eastern Kansas.

ALLORHINA, Bm.

3635. nitida L. Neodesha. (Snow.)

EURYOMIA, Bm.

3639. melancholica Gory. Eastern Kansas; abundant; often found gouging ripe fruit in company with *E. inda*, and other beetles.

3640. sepulchralis Fab. Lawrence.

3645. Kernii Hald. Western Kansas; common. A black variety, less common than the species, is found with it in flowers of *Cirsium* and *Argemone*.

3646. inda L. Eastern Kansas; abundant.

3650. fulgida F. Eastern Kansas; frequent; found on *Asclepias cornuti*.

3651. areata Fab. Extreme western Kansas; found on thistle-heads.

CREMASTOCHILUS, Kn.

3659. Knochii Lec. Eastern Kansas; frequent.

OSMODERMA, Lep.

3665. eremicola Kn. Eastern and middle Kansas; infrequent.

TRICHIUS, Fab.

3672. affinis Gory. Eastern Kansas; common.

VALGUS, Scriba.

3674. canaliculatus F. Eastern Kansas; in rotten wood and under logs.

BUPRESTIDÆ.

CHALCOPHORA, Sol.

3683. virginienis Dru. "Topeka." (Cooper.)

3684. liberta Germ. "Topeka." (Cooper.)

3687. campestris Say. Lawrence.

PSILOPTERA, Sol.

3688. Drummondii Lap. "Dodge City, and westward to Pueblo, Col." (Cooper.)

DICERCA, Esch.

3692. obscura Fab. (?) Lawrence.

- 3692a. lurida Fab. Topeka and Lawrence.

PÆCILONOTA, Esch.

3707. cyanipes Say. Two specimens sent me from Tonganoxie, collected there by Mr. Ashton.

3708. ferrea Mels. Lawrence.

BUPRESTIS, Linn.

3711. rufipes Oliv. Eastern and middle Kansas; rare.

3713. confluent Say. A few specimens

taken by me at Stockton, Rooks county, on a cottonwood log.

3719a. *Langii* Mann. "Topeka." (Cooper.)

CINYRA, Lap.

3737. *gracilipes* Mels. Lawrence.

MELANOPHILA, Esch.

3732. *longipes* Say. "Very abundant on Smoky Hill river in August." (Cooper.)

ANTHAXIA, Esch.

3740. *viridicornis* Say. Lawrence.

3741. *viridifrons* Gory. Lawrence.

CHRYSOBOTHRIIS, Esch.

3747. *femorata* Lec. Eastern Kansas; very abundant, and is the parent beetle of the destructive "flat-headed borer."

3747c. *Lesueruri* Gory. Western Kansas.

3764. *sexsignata* Say. Lawrence.

3767. *azurea* Lec. var. Lawrence.

ACMÆODERA, Esch.

3791. *pulchella* Hb. Lawrence.

3791b. *mixta* Lec. Eastern Kansas; common, and found on heads of *Lepachys*.

3795. *culta* Web. Eastern Kansas; common.

PTOSIMA, Sol.

3799. *gibbicollis* Say. Eastern Kansas; not common.

AGRILUS, Sol.

3808. *fulgens* Lec. Lawrence.

3809. *otiosus* Say. Lawrence.

3809b. *defectus* Lec. Lawrence and Topeka.

3810. *difficilis* Gory. Lawrence.

3812. *bilineatus* Weber. Topeka.

3815. *fallax* Say. Lawrence.

3816. *interruptus* Lec. Lawrence.

3821. *acutipennis* Mann. Topeka.

3825. *politus* Say. Lawrence.

BRACHYS, Sol.

3839. *tesselata* Fab. A single specimen taken by me at Topeka.

3841. *aerosa* Mels. Topeka; three specimens.

3842. *æruginosa* Gory. Lawrence.

THROSCIDÆ.

DRAPETES, Redt.

3855. *geminatus* Say. Topeka; one specimen.

3856. *quadripustulatus* Bonv. Topeka.

ELATERIDÆ.

STETHON, Lec.

3865. *pectorosus* Lec. Lawrence and Topeka.

DELTOMETOPUS, Bv.

3866. *amænicornis* Say. Lawrence.

FORNAX, Lep.

3874. *badius* Mels. Lawrence and Topeka.

ADELOCERA, Latr.

3914. *impressicollis* Say. Lawrence.

3915. *discoidea* Web. Eastern Kansas; frequent.

3920. *marmorata* Fab. Lawrence.

LACON, Germ.

3925. *rectangularis* Say. Throughout Kansas.

ALAU, Esch.

3932. *gorgops* Lec. Lawrence.

3933. *oculatus* L. Eastern and middle Kansas.

CARDIOPHORUS, Esch.

3938. *amictus* Mels. Eastern Kansas.

CRYPTOHYPNUS, Esch.

3995. *pectoralis* Say. Topeka; abundant.

ELATER, L.

4005. *luteus* Say. Lawrence.

4024. *manipularis* Cand. Lawrence.

DRASTERIUS, Esch.

4050. *dorsalis* Say. Eastern Kansas; common.

MONOCREPIDIUS, Esch.

4080. *lividus* Deg. Eastern Kansas.

4086. *vespertinus* Fab. Eastern Kansas; abundant.

4090. *auritus* Hb. Eastern Kansas; common at Topeka.

LUDIUS, Latr.

4104. *attenuatus* Say. Eastern Kansas.

ORTHOSTETHUS, Lac.

4106. *infuscatus* Germ. Lawrence.

CRIGMUS, Lec.

4107. *hepaticus* Germ. Lawrence and Topeka.

AGRIOTES, Esch.

4113. *sordidus* Lec. Topeka.

GLYPHONYX, Cand.

4125. *reticulatus* Say. Lawrence.

4126. *testaceus* Mels. Topeka.

MELANOTUS, Esch.

4131. *macer* Lec. Lawrence and Topeka.

4133. *incertus* Lec. Lawrence.

4141. *angustatus* Er. Topeka; occasional.

4145. *scrobicollis* Lec. Topeka.

4149. *fissilis* Say. Lawrence.

4150. *communis* Gyll. Lawrence and Topeka.

4151. *exuberans* Lec. Topeka.

4156. *infaustus* Lec. Lawrence.

4157. *cribulosus* Lec. Lawrence.

4160. *pertinax* Say. Lawrence.

4161. *dubius* Lec. Topeka.

4163. *americanus* Hb. Topeka.

4167. *opacicollis* Lec. Topeka.

4170. *morosus* Cand. Lawrence.

— An undescribed species. Topeka.

LIMONIUS, Esch.

4177. *pubicollis* Lec. Lawrence.

4186. *griseus* Bv. Eastern Kansas; frequent.

4208. *ectypus* Say. Topeka.

ATHOUS, Esch.

4226. *cucullatus* Say. Topeka.

CORYMBITES, Latr.

4326. *inflatus* Say. Topeka; infrequent.

SERICOSOMUS, Esch.

— *pauper*. Topeka.

ASAPHES, Kby.

4337. *memnonius* Hb. Eastern Kansas.

4339. *aereus* Mels. Lawrence.

MELANACTES, Lec.

4352. *piceus* DeG. Topeka and Lawrence.

4354. *morio* Fab. Topeka and Lawrence.

4355. *puncticollis* Lec. Topeka and Lawrence.

RHIPICERIDÆ.

ZENO, Say.

4371. *picea* Bv. Lawrence, Topeka and Tonganoxie. (Mr. Ashton.)

SANDALUS, Kn.

4372. *niger* Kn. Lawrence.

4374. petrophya Kn. Lawrence and Topeka.
DASYLLIDÆ.
CYPHON, Fab.
4391. punctatus Lec. Topeka.
4399. ruficollis Say. Topeka.
PTILODACTYLA, Latr.
4417. serricollis Say. Lawrence.
LAMPYRIDÆ.
LYCUS, Fabr.
4420. lateralis Mels.
CALOPTERON, Guer.
4422. typicum Newm. Lawrence.
4423. reticulatum Fab. Topeka and Lawrence.
EROS, Newm.
4430. coccinatus Say. Topeka; not common.
4437. humeralis F. Topeka and Lawrence.
4438. trilineatus Mels. Topeka and Lawrence.
4439. modestus Say. Topeka.
LUCIDOTA, Lap.
4446. atra Fab. Eastern Kansas.
PHOTINUS, Lap.
4457. angulatus Say. Topeka; frequent.
4459. angustatus Lec. Topeka; frequent.
4465. pyralis Linn. Eastern Kansas; Rooks county.
4467. scintillans Say. Topeka; frequent.
PHOTURIS, Lec.
4471. pennsylvanica DeG. Eastern Kansas; Rooks county; common.
4473. divisa Lec. Topeka; common.
PHENGOIDES, Hoffm.
4474. plumosa Oliv. Eastern Kansas.
TELEPHORIDÆ.
CHAULIOGNATHUS, Hentz.
4477. americanus Forst. Eastern Kansas; very common.
4481. basalis Lec. Western Kansas.
4484. marginatus Fab. Eastern Kansas.
PODABRUS, Westw.
4488. flavicollis Lec. Topeka.
4491. modestus Say. Eastern Kansas.
4498. tomentosus Say. Lawrence.
4499. rugosulus Lec. Eastern Kansas.
TELEPHORUS, Schæffer.
4519. excavatus Lec. Lawrence.
4520. carolinus Fab. Eastern Kansas.
4524. imbecillus Lec. Lawrence.
4526. flavipes Lec. Topeka; common.
4547. collaris Lec. Topeka and Lawrence.
4548. bilineatus Say. Eastern Kansas.
4550. divisa Lec. Lawrence.
4553. laticornis Say. Lawrence.
TRYPHERUS, Lec.
4562. latipennis Germ. Lawrence and Topeka; frequent.
MALACHIIDÆ.
COLLOPS, Er.
4576. tricolor Say. Lawrence.
4577. punctatus Lec. Topeka; one specimen.
4582. bipunctatus Say. Western Kansas.
4584. quadrimaculatus F. Eastern Kansas; common.
ANTHOCOMUS, Er.
- An undetermined species. Lawrence.
- ATTALUS, Er.
4630. melanopterus Er. Topeka.
4636. otiosus Say. Topeka.
4641. scincetus Say. Topeka; common in early spring.
LISTRUS, Motsch.
- One undetermined species. Topeka.
CLERIDÆ.
CYMATODERA, Gray.
4703. inornata Say. Eastern Kansas.
4705. undulata Say. Eastern and western Kansas.
THANASIMUS, Latr.
4725. nigripes Say. Eastern Kansas.
4727. rosmarus Say. Eastern Kansas.
4728. lunatus Spin. Lawrence.
4731. abruptus Lec. "Smoky Hill River" (Cooper).
4740. thoracicus Ol. Lawrence.
HYDROCERA, Newm.
4750. unifasciata Say. Rooks county.
4754. humeralis Say. Eastern Kansas; frequent.
4754b. difficilis Lec. Lawrence.
4759. pallipennis Say. Topeka and Lawrence.
CHARIESSA, Perty.
4775. pilosa Forst. Topeka and Lawrence.
4775a. onusta Say. Topeka.
CREGYA, Lec.
4776. vetusta Spin. Lawrence and Topeka.
ORTHOPEURA, Spin.
4781. damicornis Fab. Lawrence.
CORYNETES, Hb.
4791. violaceus L. Eastern Kansas.
CUPESIDÆ.
CUPES, Fab.
4798. concolor Westw. Lawrence.
PTINIDÆ.
PTINUS, L.
4804. fur L. Eastern Kansas; infests museums; destroys entomological and botanical specimens.
4807. quadrimaculatus Mels. Lawrence.
4808. bimaculatus Mels. (?) Topeka.
TRICHODESMA, Lec.
4827. gibbosa Say. Tonganoxie and Wakarusa; rare.
HADROBREGMUS, Thoms.
4830. carinatus Say. Topeka.
XYLETINUS, Latr.
4844. peltatus Harr. Lawrence.
PROTHECA, Lec.
4859. puberula Lec. Topeka; three specimens.
PTILINUS, Geoff.
4866. ruficornis Say. Topeka.
ENDECATOMUS, Mell.
4870. rugosus Rand. Lawrence.
SINOXYLON, Duf.
4875. basilare Say. Topeka; rare.
BOSTRYCHUS, Geoff.
4877. bicornis Web. Eastern Kansas; infrequent.
AMPHICERUS, Lec.
4880. bicaudatus Say. Eastern Kansas; abundant and troublesome in vineyards, boring in the twigs.

- DINODERUS, Steph.
4883. punctatus Say. Eastern Kansas.
SPONDYLIDÆ.
PARANDRA, Latr.
4898. brunnea Fab. Eastern Kansas.
CERAMBYCIDÆ.
ORTHOSOMA, Serv.
4915. brunneum Forst. Eastern Kansas.
PRIONUS, Geoff.
4916. laticollis Dru. Lawrence.
4919. imbricornis L. Eastern Kansas.
HOMÆSTHESIS, Lec.
4922. integer Lec. (Snow.)
SMODICUM, Lec.
4941. cucujiforme Say. Eastern Kansas.
DULARIUS, Thoms.
4943. brevilineus Say. Lawrence.
HYLOTRUPES, Serv.
4947. ligneus Fab. Imported in cedar posts. (Cooper.)
PHYMATODES, Muls.
4952. varius Fab. Lawrence.
4954. amœnus Say. Lawrence and Topeka.
CHION, Newm.
4987. cinctus Dru. Eastern Kansas.
EBURIA, Serv.
4991. quadrigeminata Say. Eastern Kansas.
ELAPHIDION, Serv.
4999. simplicicollis Hald. Eastern Kansas.
5000. atomarium Dru. Eastern Kansas.
5005. mucronatum F. Eastern Kansas.
5006. incertum Newm. Lawrence and Topeka.
5010. villosum Fab. Eastern Kansas.
5011. parallelum Newm. Lawrence and Topeka.
5017. cinerascens Lec. Lawrence.
HETERACHTHES, Newm.
5030. quadrimaculatus Newm. Lawrence.
5031. ebenus Newm. Lawrence and Topeka.
CALLIMOXYS, Kr.
5044. sanguinicollis, Oliv. Topeka.
MOLORCHUS, F.
5047. bimaculatus Say. Topeka.
RHOPALOPHORA, Serv.
5051. longipes Say. Eastern Kansas.
TRAGIDION, Serv.
5067. annulatum Lec. "Topeka." (Cooper.)
5068. coquus Fab. Eastern Kansas; rare.
5068a. fulvipennis Say. Eastern Kansas; more common than coquus; taken gouging ripe fruit, watermelons, peaches. etc.
PURPURICENUS, Serv.
5070. humeralis Say. Eastern Kansas; frequent.
BATYLE, Thoms.
5077. ignicollis Say. Eastern, middle and western Kansas; not common.
5079. suturalis Say. Throughout the State.
5081. Pearsalli, Bland. Middle and western Kansas.
TYLOSIS, Lec.
5085. maculata Lec. Lawrence.

- STENOSPHEUS, Hald.
5098. notatus Oliv. Lawrence.
CYLLENE, Newm.
5102. pictus Dru. Eastern Kansas.
5103. robiniae Forst. Eastern Kansas.
5106. charus Say. Eastern Kansas; common on golden-rod (*Solidago rigida*), and varies much in its markings.
GLYCOBIUS, Lec.
5120. speciosus Say. Topeka and Lawrence; but two specimens taken.
CALLOIDES, Lec.
5111. nobilis Say. Lawrence and Topeka. "Lives in oak wood." (Cooper.)
ARHOPALUS, Serv.
5113. fulminans Fab. Eastern and middle Kansas.
XYLOTRECHUS, Chev.
5116. colonus Fab. Eastern and middle Kansas; frequent.
NEOCLYTUS, Thoms.
5131. luscus F. Lawrence.
5133. capræa Say. Topeka and Lawrence.
5135. erythrocephalus Fab. Eastern Kansas.
EUDERCES, Lec.
5147. picipes Fab. Eastern Kansas; common on flowers of *Cornus paniculata*.
DISTENIA, Serv.
5155. undata Oliv. Eastern Kansas.
DESMOCERUS, Serv.
5156. palliatus Forst. Eastern Kansas.
TOXOTUS, Serv.
5177. cinnamopterus Rand. Eastern Kansas, on dogwood blossoms.
STRANGALIA, Serv.
5215. luteicornis F. Lawrence and Topeka.
TYPOCERUS, Lec.
5221. velutinus Oliv. Lawrence.
5224. sinuatus Newm. Rare at Topeka, but very abundant in middle and western Kansas, and varies much in coloration.
LEPTURA, Serv.
5225. emarginata F. A single specimen, taken at Topeka, by me.
5226. gigas Lec. "Smoky Hill river." (Cooper.)
5257a. convexa Lec. Western Kansas.
5280. proxima Say. "Smoky Hill river." (Cooper.) "Western Kansas." (Snow.)
MONILEMA, Say.
5306. annulatum Say. Western Kansas; common; lives on *Opuntia* or prickly pear. A larva, probably of this species, was taken at Granada, Col., from the stem of an *Opuntia*.
PSENOCERUS, Lec.
5318. supernotatus Say. Lawrence and Topeka.
MONOHAMMUS, Serv.
5323. scutellatus Sap. "Near Tecumseh, Shawnee county." (Cooper.)
DORCASHEMA, Lec.
5328. Wildii Uhler. Eastern Kansas; rare.
5329. alternatum Say. Eastern Kansas.
5330. nigrum Say. Eastern Kansas; rare.

HETGEMIS, Hald.

5331. cinerea Oliv. Lawrence and Topeka.

PLECTRODERA, Lec.

5339. scalator F. Eastern and middle Kansas; rare. Lives in willow. (Brous.)

ACANTHODERES, Serv.

5342. decipiens Hald. Lawrence.

LEPTOSTYLUS, Lec.

5347. aculifer Say. Eastern Kansas.

5355. macula Say. Eastern Kansas.

STERNIDIUS, Lec.

5356. variegatus Hald. Lawrence.

5357. alpha Say. Eastern Kansas.

5358. cinereus Lec. Lawrence.

LIOPUS, Serv.

5363. signatus Lec. Lawrence.

5365. querci Fitch. Lawrence.

LEPTURGES, Bates.

5368. angulatus Lec. Eastern Kansas.

GRAPHISURUS, Kby.

5374. fasciatus DeG. Eastern Kansas.

DECTES, Lec.

5381. spinosus Say. Eastern Kansas.

ECYRUS, Lec.

5392. exiguus Lec. Lawrence.

ONCIDERES, Serv.

5403. cingulatus Say. Lawrence.

ATAXIA, Hald.

5404. crypta Say. Lawrence.

HIPPOPSIS, Serv.

5405. lemniscata Fab. Eastern Kansas.

SAPERDA, Fab.

5409. obliqua Say. "Topeka." (Cooper.)
5410. calcarata Say. Topeka and Lawrence.

5412. candida Fab. Eastern Kansas.

5415. vestita Say. "Topeka." (Cooper.)

5416. discoidea Fab. Eastern Kansas.

5417. tridentata Oliv. Eastern Kansas.

5418. lateralis Fab. Eastern Kansas.

MECAS, Lec.

5424. inornata Say. Middle and western Kansas.

5425. pergrata Say. "Topeka." (Cooper.)

5426. gentilis Lec. Lawrence.

OBEREA, Muls.

5431. amabilis Hald. Topeka and Lawrence.

5433. tripunctata F. Lawrence.

5436. oculaticollis Say. Western Kansas.

TETROPS, Steph.

5440. canescens Lec. "Western Kansas." (Cooper.)

TETRAOPES, Serv.

5445. tetraopthalmus Forst. Eastern Kansas; very common.

5447. quinquemaculatus Hald. Topeka; frequent.

5448. femoralis Lec. Western Kansas. (Cooper.)

AMPHIONYCHA, Thoms.

5453. flammata Newm. Lawrence.

5454. ardens Lec. Topeka and Lawrence; also, in middle Kansas. Found on the stems of Vernonia.

SPERMOPHAGIDÆ.

SPERMOPHAGUS, Sch.

5459. Robinæ Sch. Tonganoxie, Topeka and Lawrence; rare.

BRUCHUS, L.

5463. pisi L. Eastern Kansas.

5464. mimus Say. Lawrence and Topeka.

5472. discoideus Say. Topeka.

5476. bivulneratus Horn. Topeka; one specimen.

5477. cruentatus Horn. Topeka; common.

5491. bisignatus Horn. Topeka.

5497. amicus Horn. Topeka.

5498. obsoletus Say. Lawrence and Topeka.

5499. hibisci Oliv. Topeka.

5506. seminulum Horn. Topeka; frequent.

CHRYSOMELIDÆ.

DONACIA, F.

5521. subtilis Kunze. Lawrence.

MACROPLEA, Sam.

5533. Melsheimeri Lac. Lawrence.

ZEUGOPHORA, Kunze.

5537. scutellaris Suffr. Topeka; one specimen.

LEMA, Fabr.

5550. collaris Say. Topeka; common on Tradescantia virginica in spring.

5554. trilineata Oliv. Eastern Kansas; common on Physalis; more rarely found on Irish potatoes.

ANOMOEIA, Lac.

5559. laticlavata Forst. Eastern Kansas; common. Found on Vernonia.

BABIA, Chev.

5561. quadriguttata Oliv. Eastern and middle Kansas; found on Rhus glabra.

SAXINIS, Lac.

5563. omogera Lac. Topeka; one specimen.

5564. Saucia Lec. Western Kansas.

COSCILOPTERA, Lac.

5569. axillaris Cr. Rooks county; two specimens.

5571. dominicana Fab. Eastern and middle Kansas; abundant on Rhus glabra.

CHLAMYS, Kn.

5575b. polycocca Lac. Eastern Kansas; frequent.

MONACHUS, Chev.

5579. saponatus Fab. Topeka and Lawrence.

CRYPTOCEPHALUS, Geoff.

5583. congestus Fab. Lawrence.

5590. flaccidus Suffr. Lawrence.

5596. ornatus Fab. Eastern Kansas.

5603. dispersus Hald. Eastern and middle Kansas.

5606. leucomelas Suffr. Eastern Kansas.

5608. mucoreus Lec. Eastern and middle Kansas; abundant on Rhus glabra.

5612. quadruplex Newm. Eastern and middle Kansas; abundant on Rhus glabra.

GRIBURIUS, Hald.

5624. scutellaris Fab. Eastern Kansas.

PACHYBRACHYS, Chev.

5631. viduatus Fab. Eastern Kansas.

5633. carbonarius Hald. Topeka.

5641. luridus F. Lawrence.

5642. atomarius Mels. Topeka; common.

5644. infaustus Hald. Topeka.

5648. tridens Mels. Lawrence.

5650. sobrinus Hald. Topeka, and Lawrence.

5653. livens Lec. Lawrence.

5660. abdominalis Say. Topeka.

5661. litigiosus Suffr. Wallace. (Snow.)

5663. *othonus* Say. Topeka and Lawrence.

— n. sp. Topeka; frequent.

— Two undetermined species; Topeka. FIDIA, Baly.

5667. *longipes* Mels. Eastern Kansas; upon grape leaves.

XANTHONIA, Baly.

5663. *decimnotata* Say. Lawrence.

5669. *villosula* Mels. Topeka; common; brushed from oak leaves.

HETERASPIS, Chev.

5671. *pubescens* Mels. Topeka and Lawrence.

5672. *marcassita* Germ. Lawrence.

5673. *nebulosus* Lec. Topeka; on *Gaura* and *Eriogonum*.

5675. *curtipennis* Mels. Topeka; frequent.

GLYPTOSCELIS, Lec.

5681. *crypticus* Say. Lawrence.

MYOCHROUS, Chev.

5685. *denticollis* Say. Eastern Kansas; common.

5687. *squamosus* Lec. Western Kansas.

CHRYSOCHUS, Chev.

5688. *auratus* Fab. Eastern Kansas; very common on *Apocynum*.

PARIA, Lec.

5694. *sexnotata* Say. Eastern Kansas.

5694b. *quadrinotata* Say. Eastern Kansas.

5695. *aterrima* Oliv. Topeka and Lawrence; extremely abundant.

5698. *viridicyanea* Cr. Eastern Kansas; common on *Ipomea pandurata*, and is also found on sweet potato vines.

METAPARIA, Cr.

5699. *clythroides* Cr. Mitchell county; very abundant on heads of *Petalostemon*.

METACHROMA, Chev.

5704. *interrupta* Say. Stockton, Rooks county. A variety of this species, having unspotted elytra, is found in the same locality.

5710. *pallida* Say. Eastern Kansas.

COLASPIS, Fab.

5714. *favosa* Say. Eastern and middle Kansas; common at Clay Center, on *Psoralea argophylla*.

5715. *brunnea* F. Eastern Kansas.

5715a. *flavida* Say. Eastern Kansas.

5716. *prætexta* Say. Lawrence and Topeka.

5719. *tristis* Oliv. Eastern and middle Kansas.

5719a. *convexa* Say. Topeka; common.

5719b. *puncticollis* Say. Lawrence.

CHRYSOMELA, L.

5722. *clivicollis* Kby., var. The spots are divided into numerous smaller ones, in all Kansas specimens that I have seen. Rare.

5724. *decimlineata* Say. Abundant throughout the State, preferring the leaves of *Solanum rostratum* to those of any other plant.

5729. *exclamationis* F. Throughout Kansas; abundant in the middle and western sections, but more rare in the eastern part. Found by me on *Helianthus lenticularis* and *H. petiolaris* only.

5730. *conjuncta* Rog., var. *pallida* Say. Western Kansas.

5732. *saturalis* Fab. Eastern Kansas.

5734. *similis* Rog. Eastern Kansas; common.

5736. *præcelsis* Rog. Lawrence.

5739. *multiguttis* Stal. Eastern Kansas; common on leaves of *Corylus*.

5740a. *Spireæ* Say. Topeka; on wild plum.

5741. *multipunctata* Say. Eastern Kansas.

GASTROPHYSA, Chev.

5753. *polygoni* L. Topeka and Lawrence.

5754. *dissimilis* Say. Lawrence.

5755. *cyanea* Mels. Eastern Kansas; on *Rumex brittanica*. Often very abundant.

PRASOCURIS, Latr.

5769. *obliquata* Cr. Western Kansas.

PLAGIODERA, Chev.

5766. *lapponica* L. Topeka and Lawrence; not common.

5768. *scripta* F. Eastern Kansas; on leaves of cottonwood and willow trees. Frequent.

5773. *viridis* Mels. Topeka; two specimens.

CEROTOMA, Chev.

5775. *caminea* F. Eastern Kansas; eats holes in the leaves of bush beans. Sometimes occurring in such numbers as to destroy the plants.

PHYLLOBROTICA, Redt.

5776. *decorata* Say. Topeka and Lawrence; rare.

5777. *discoidea* Say. Topeka and Lawrence; rare.

PHYLLECHTHRUS, Lec.

5780a. *atriventr's* Say. Eastern Kansas.

LUPERUS, Geoff.

5788. *varicornis* Lec. Topeka; on composite flowers.

MONOCESTA, Clk.

5799. *coryli* Say. Leavenworth, Lawrence.

DIABROTICA, Chev.

5800. *trineincta* Say. Extreme western Kansas, on *Cucurbita perennis*; common.

5802. *duodecimpunctata* Oliv. Eastern and middle Kansas; abundant.

5806. *vittata* F. Eastern Kansas; abundant.

5809. *longicornis* Say. Eastern Kansas; common.

5811. *atripennis* Say. Eastern Kansas.

GALERUCA, Geoff.

5815. *americana* F. Topeka; rare, under stones in sprng.

5815a. *cribrata* Lec. Topeka; found with the last and also swept from herbage; frequent.

MONOXIA, Lec.

5831. *guttulata* Lec. Western Kansas. (Cooper.)

TRIRHABDA, Lec.

5834b. *canadensis* Kby. Lawrence and Topeka.

5837. *convergens* Lec.(?) Topeka; found abundantly, both beetles and larvæ, on *Xanthoxylum*, at times defoliating the shrubs in a locality.

PACHYONCHUS, Chev.

5840. *paradoxus* Mels. Topeka; one specimen.

GEDIONYCHIS, Latr.

5847. *gibbitars's* Say. Eastern Kansas.

5849. *octomaculata* Cr. Lawrence.

5851. *vians* Ill. Topeka; rare.

5854. *thoracica* F. Eastern Kansas.

5859. *thyraoides* Cr. Topeka; frequent on *Teucrium*.

DISONYCHA, Chev.

5864. *limbicollis* Lec. Eastern Kansas.
 5865. *alternata* Ill. Eastern and middle Kansas.
 5866. *punctigera* Lec. Eastern Kansas; found in abundance on purslane.
 5867. *pennsylvanica* Ill. Eastern Kansas; Rooks county. In the latter locality on Salix.
 5870. *abbreviata* Mels. Eastern Kansas.
 5873. *triangularis* Say. Topeka and middle Kansas.
 5874. *collaris* F. Eastern Kansas; common on *Chenopodium album*.

GRAPTODERA, Chev.

5876. *chalybea* Ill. Lawrence: rare.
 5886. *foliacea* Lec. Eastern Kansas; on Gaura; also found in Pueblo, Col.

LONGITARSUS, Latr.

5891. *melanurus* Mels. Topeka; common on *Onosmodium*.

— n. sp. Topeka; on *Onosmodium*.

BATOPHILA, Foud.

5899. *spuria* Lec. Lawrence.

ORCHESTRIS, Kby.

5904. *vittata* Fab. Eastern Kansas; very abundant and destructive to garden Cruciferae; found also on wild plants of the same order, especially *Lepidium*.

APHTHONA, Chev.

5911. *picta* Say. Topeka.
 5912. *texana* Cr. Topeka; on *Euphorbia marginata*.

SYSTEMA, Chev.

5914. *hudsonias* Forst. Topeka.
 5921. *blanda* Mels. Eastern Kansas; on *Xanthium*.

ORTHALTICA, Cr.

5922. *copalina* F. Eastern Kansas; abundant on *Rhus glabra*.

CREPIDODERA, Chev.

5928. *Helixes* L. Eastern Kansas.

EPITRIX, Foud.

5933. *cucumeris* Harr. Eastern Kansas; abounds on Irish potato vines, as well as on *Cucurbitaceae*.

CHÆTOCNEMA, Steph.

5942. *denticulata* Ill. Eastern Kansas. An undescribed species, near *denticulata*, occurs at Topeka.

BLEPHARIDA, Chev.

5953. *rhois* Forst. Eastern and middle Kansas; abundant.

STENISPA, Baly.

5955. *collaris* Baly. Topeka; one specimen.

ODONTOTA, Chev.

5957. *scapularis* Oliv. Topeka; two specimens, found on *Corylus*.
 5961. *rubra* Web. Eastern Kansas.
 5962. *rosea* Web. Topeka.

CHARISTENA, Baly.

5963. *nigrita* Oliv. Topeka.
 — One undetermined species; Topeka.

MICRORHOPALA, Chev.

- 5966a. *lætula* Lec. Eastern Kansas; Rooks Co. Common at Topeka, and found on *Solidago rigida*.
 5969. *cyanea* Say. Rooks county, Smoky Hill and Arkansas valleys.

CHELYMORPHA, Chev.

5976. *cassidea* Fab. Eastern Kansas.

PHYSONOTA, Boh.

5979. *unipunctata* Say. Eastern Kansas; on *Vernonia*.

CASSIDA, Linn.

5980. *nigripes* Oliv. Eastern Kansas.
 5981. *biyittata* Say. Eastern Kansas; infrequent.

COPTOCYCLA, Chev.

5986. *aurichalcea* Fab. Eastern Kansas.
 5987. *guttata* Oliv. Eastern Kansas.
 5990. *clavata* Fab. Eastern Kansas; found on leaves of Irish potato.

TENEBRIONIDÆ.

EDROTES, Lec.

5993. *rotundus* Say. "Found very early in spring, on warm days, in the sand-hills south of Dodge City and Cimarron Station." (Cooper.)

TRIMYTIS, Lec.

6002. *pruinosa* Lec. Extreme western Kansas, under "buffalo chips."

EPITRAGUS, Latr.

6010. *canaliculatus* Say. Western Kansas.

ASIDA, Latr.

6068. *opaca* Say. Western Kansas.
 6070. *polita* Say. Western Kansas.
 6071. *sordida* Lec. Western Kansas.
 6082. *convexa* Lec. Western Kansas.
 6097. *elata* Lec. Western Kansas.

OLOGLYPTUS, Lec.

6098. *anastomosis* Say. Western Kansas.

EUSATTUS, Lec.

6105. *reticularis* Say. "Arkansas and Smoky Hill rivers, western part of Kansas." (Cooper.)

ELEODES, Esch.

6127. *obscura* Say. Western Kansas.
 6128. *acuta* Say. Western Kansas.
 6129. *suturalis* Say. Throughout Kansas.
 6129a. *texana* Lec. "Western Kansas." (Cooper.)

6131. *tricostata* Say. Throughout the State.

6133. *obsoleta* Say. Western Kansas.
 6137. *extricata* Say. Western Kansas.
 6141. *longicollis* Lec. Western Kansas.
 6150. *hispidlabris* Say. Western Kansas.
 6167. *opaca* Say. From Louisville westward; western Kansas generally.

EMBAPHION, Say.

6174. *muricatum* Say. Western Kansas; in Arkansas and Smoky Hill valleys.
 6175. *contusum* Lec. Smoky Hill valley.

NYCTOBATES, Guer.

6199. *pennsylvanica* DeG. Eastern Kansas; abundant.

MERINUS, Lec.

6207. *lævis* Oliv. Lawrence and Topeka; not common.

HAPLANDRUS, Lec.

6209. *femoratus* Fab. Lawrence.

CENTRONOPUS, Sol.

6217. *calcaratus* Fab. Topeka.

XYLOPINUS, Lec.

6219. *saperdioides* Oliv. Eastern Kansas.
 TENEBRIONELLUS, Cr.

6222. *obscurus* Fab. Eastern Kansas; frequent.

6223. *molitor* L. Eastern Kansas; frequent.

6224. *castaneus* Kn. Lawrence.

6225. *tenebrioides* Bv. Eastern Kansas; abundant.

BLAPSTINUS, Latr.

6244. *pratensis* Lec. Lawrence and Topeka.

6250. *interruptus* Say. Lawrence.

TRIBOLIUM, McL.

6265. *ferrugineum* Fab. Lawrence and Topeka; at the latter locality, found destroying the entomological specimens in the cabinets of the Academy of Science.

DICEDUS, Lec.

6267. *punctatus* Lec. Lawrence and Topeka.

THARSUS, Lec.

6281. *seditiosus* Lec. Specimens collected at Tonganoxie, by Mr. T. B. Ashton.

PHALERIA, Latr.

6283. *imberbis* Lec. Eastern Kansas; common.

ANÆDUS, Bl.

6289. *brunneus* Zieg. Topeka; one specimen.

PARATENETUS, Spin.

6292. *fuscus* Lec. Topeka; frequent in spring under stones.

DIAPERIS, Geoff.

6308. *hydni* Fab. Eastern Kansas.

HOPLOCEPHALA, Lap.

6310. *viridipennis* F. Eastern Kansas; not common.

6311. *bicornis* Oliv. Eastern Kansas; common.

PLATYDEMA, Lap.

6312. *excavatum* Say. Eastern Kansas.

6316. *ruficornis* Sturm. Eastern Kansas.

6317. *flavipes* Fab. Lawrence.

6319. *ellipticum* Fab. Eastern Kansas; rare.

6325. *subcostatum* Lap. Eastern Kansas.

PHYLETHUS, Meg.

6326. *bifasciatus* Say. Lawrence.

BOLITOTHERES, Cand.

6334. *bifurcus* Fab. Eastern Kansas; common.

RHIPIDANDRUS, Lec.

6338. *paradoxus* Bv. Topeka.

STRONGYLUM, Kby.

6336. *tenuicollis* Kby. Lawrence.

ALLECULIDÆ.

ALLECULA, Fab.

6372. *punctulata* Mels. Topeka and Lawrence.

HYMENORUS, Muls.

6374. *pilosus* Mels. Topeka.

6375. *obscurus* Say. Lawrence.

6377. *niger* Mels. Topeka.

6378. *communis* Lec. Lawrence.

6382. *punctatissimus* Lec. Topeka.

LAGRIIDÆ.

STATIRA, Latr.

6411. *gagatina* Mels. Topeka; frequent.

PYROCHROIDÆ.

PYROCHROA, Geoff.

6419. *flabellata* F. Eastern Kansas.

ANTHICIDÆ.

EURYGENIUS, Laf.

6427. *Wildii* Lec. Lawrence and Topeka.

6428. *murinus* Hald. Lawrence and Topeka.

STEREOPALPUS, Laf.

6430. *Mellyi* Laf. Topeka and Lawrence.

6431. *badilpennis* Lec. Lawrence.

CORPHYRA, Say.

6441. *pulchra* Lec. Topeka.

MACRATRIA, Newm.

6449. *murina* Fab. Topeka; rare.

NOTOXUS, Geoff.

6455. *monodon* Fab. Eastern Kansas; common.

6464. *planicornis* Laf. Lawrence.

TOMODERUS, Laf.

6466. *interruptus* Laf. Topeka.

6468. *constrictus* Say. Topeka.

ANTHICUS, Leach.

6474. *formicarius* Laf. Topeka; common.

6475. *cinctus* Say. Topeka and Lawrence.

6493. *cervinus* Laf. Eastern Kansas; very abundant in winter under rubbish.

MELANDRYIDÆ.

SCRAPTIA, Latr.

6530. *sericea* Mels. Lawrence.

CANIFA, Lec.

6532. *plagiata* Mels. Topeka; common.

PENTHE, Newm.

6539. *obliquata* Fab. Eastern Kansas.

6540. *pimelia* Fab. Eastern Kansas.

OSPHYA, Ill.

6542. *varians* Lec. Topeka and Lawrence.

HYPULUS, Payk.

6557. *liturata* Lec. Topeka and Lawrence.

HALLOMENUS, Panz.

6562. *scapularis* Mels. Topeka; rare.

EUSTROPHUS, Ill.

6567. *confinis* Lec. Lawrence.

6568. *bicolor* Say. Eastern Kansas.

6569. *bifasciatus* Say. Eastern Kansas.

6570. *tomentosus* Say. Topeka and Lawrence.

MORDELLIDÆ.

PENTARIA, Muls.

6575. *trifasciata* Mels. Eastern Kansas.

MORDELLA, Linn.

6593. *melæna*, Germ. Topeka and Lawrence.

6594. *scutellaris* Fab. Lawrence; Rooks county.

6597. *octopunctata* Fab. Topeka; rare.

6598. *marginata* Mels. Topeka.

6599. *lineata* Mels. Topeka; common.

6602. *oculata* Say. Lawrence.

GLIPODES, Lec.

6607. *sericans* Mels. Lawrence.

MORDELLISTENA, Costa.

6611. *lutea* Mels. Topeka.

6619. *ornata* Mels. Topeka.

6621. *scapularis* Say. Topeka.

6647. *ambusta* Lec. Topeka.

6650. *divisa* Lec. Topeka and Lawrence; common.

— Several undetermined species.

MACROSIAGON, Hentz.

6667. *dimidiata* Fab. Lawrence.

6668. *flavipennis* Lec. Topeka.

EMMENADIA, Laf.

6672. pectinata F. Topeka and Lawrence.
 6673. Sayi Lec. Topeka and Lawrence.
 6678. limbata F. Lawrence.

MELOIDÆ.

MELOE, L.

6693. impressus Kby. Lawrence.
 6699. angusticollis Say. Eastern Kansas.
 HENOUS, Hald.

6703. confertus Say. Eastern and middle Kansas.

TRICRANIA, Lec.

6711. Stansburii Hald. Western Kansas. (Snow.)

MACROBASIS, Lec.

6713. albida Say. Western Kansas.
 6719. unicolor Kby. Eastern Kansas, on Astragalus caryocarpus.
 6721. immaculata Say. Western Kansas.
 6722. segmentata Say. Western Kansas.

EPICAUTA, Redt.

6729. convolvuli Mels. Topeka; one specimen.
 6731. ferruginea Say. Western Kansas; Rooks county and Ellinwood. Found on composite flowers.
 6732. sericans Lec. Eastern Kansas.
 6734. callosa Lec. Rooks county.
 6738. maculata Say. Middle and western Kansas.

6739. vittata F. Eastern Kansas.
 6744. cinerea Forst. Eastern Kansas.
 6746. corvina Lec. Western Kansas; very destructive in gardens, with Nos. 6713, 6721, 6722, 6738, devouring the leaves of potatoes, turnips, beets, etc. Pea vines are left untouched by them, so far as observed.
 6747. pennsylvanica Deg. Eastern Kansas; very abundant in fall upon the flowers of Golden Rod (*Solidago rigida*).

PYROTA, Lec.

6750. mylabrina Chev. "Arkansas and Smoky Hill valleys." (Cooper.)
 6751. Engelmanni Lec. Western Kansas.

CANTHARIS, L.

6791. sphaericollis Say. Rooks county, on Symphoricarpos occidentalis.

ZONITIS, Fab.

6803. atripennis Say. Western Kansas.
 6805. bilineata Say. Eastern and middle Kansas, on Helianthus.

NEMOGNATHA, Ill.

6810. apicalis Lec. Western Kansas.
 6816. piezata Fab. Two specimens received from T. B. Ashton, Tonganoxie.
 6821. nigripennis Lec. Western Kansas. (Snow.)
 6825. immaculata Say. Eastern and western Kansas.
 6826. vittigera Lec. Eastern Kansas; Rooks Co.

GNATHIUM, Kby.

6830. minimum Say. Found by the writer on the Saline river, in Russell county, in abundance. Also at Pueblo, Col.; in both localities on heads of Helianthus.

CEDEMERIDÆ.

OXACIS, Lec.

6848. cana Lec. Eastern and middle Kansas.

ASCLERA, Schmidt.

6861. ruficollis Say. Topeka.
 6862. puncticollis Say. Eastern Kansas.

RHYNCHITIDÆ.

EUGNAMPTUS, Sch.

- collaris Fab. Topeka; one specimen.

RHYNCHITES, Hb.

- bicolor Fab. Eastern Kansas; common on wild roses.
 æneus Boh. Eastern Kansas.

ATTELABIDÆ.

ATTELABUS, L.

- analis Ill. Eastern Kansas; found on *Rhus glabra*, and rolls the leaflet, beginning at the point. The eggs, as I believe, are laid in punctures in the midrib.

BYRSOPIDÆ.

THECESTERNUS, Say.

- humeralis Say. Throughout the State in its varieties, and apparently not rare.

OTIORHYNCHIDÆ.

MINYOMERUS, Horn.

- innceus Horn. Topeka.

GRAPHORINUS, Sch.

- vadosus Say. Eastern Kansas.

EPICÆRUS, Sch.

- imbricatus Say. Rather common in eastern and middle Kansas.

OPHRYASTES, Sch.

- vittatus Say, Western Kansas.
 tuberosus Say. Western Kansas.
 latirostris Lec. Western Kansas.
 sulcirostris Say. Western Kansas.

ANAMETIS, Horn.

- gr'sea Horn. Lawrence, Topeka, and West.

PHYXELIS, Sch.

- rigidus Say. Topeka.

OTIORHYNCHUS, Germ.

- Species undetermined. Lawrence.

DIROTOGNATHUS, Horn.

- An undescribed species. Topeka.

TANYMÆCUS, Sch.

- confertus Gyll. Eastern Kansas; common.

ARAMIGUS, Horn.

- tesselatus Say. Eastern and middle Kansas.

PHACEPHOLIS, Horn.

- elegans Horn. Topeka and Lawrence.
 candida Horn. Western Kansas; also at Topeka.

APHRASTUS, Sch.

- tæniatus Say. Topeka.

CYPHOMIMUS, Horn.

- dorsalis Horn. Topeka; beaten from budding oaks.

CURCULIONIDÆ.

SITONES, Sch.

- lineellus Gyll. Topeka; two specimens.
 flavescens Allard. Lawrence.

PHYTONOMUS, Sch.

- comptus Say. Topeka; one specimen.
 eximius Lec. Topeka; not common. Found on leaves of *Rumex brittanica*. The pupal stage is passed in a cocoon spun by the larva, on the leaf-surface, usually next to a rib. The cocoon is formed of yellow-brown threads, loosely interwoven, so that

the fabric resembles network. It is broad oval in outline. The pupa within is very nervous, and twists around rapidly when the leaf is touched. Of the larval habits I have observed nothing.

LISTRONOTUS, Jekel.

nebulosus Lec. Lawrence.
latusculus Boh. Topeka; frequent; found under stones in spring, and on Peucedanum fœniculaceum.

MACROPS, Kby.

Several undetermined species, taken at Topeka.

CLEONUS, Sch.

trivittatus Say. Western Kansas.
frontalis Lec. Topeka; one specimen.
carinicolis Lec. Western Kansas.

LIXUS, Fabr.

punctinatus Lec. Topeka.
terminalis Lec. Topeka, on Polygonum amphibium.

mucidus Lec. Topeka and Lawrence.
concavus Say. Eastern Kansas.
musculus Say. Topeka.
macer Lec. Eastern Kansas; frequent.
An unnamed species. Topeka.

DORYTOMUS, Sch.

mucidus Say. Eastern Kansas.
An undetermined species. Topeka.

DESMORIS, Lec.

constrictus Say. Eastern and middle Kansas, on Helianthus.
scapalis Lec. Lawrence.

SMICRONYX, Sch.

fulvus Lec. Topeka; common on Helianthus lenticularis.

OTIDOCEPHALUS, Chev.

An undetermined species. Lawrence.

MAGDALIS, Germ.

armicollis Say. Lawrence and Topeka.
subtinctus Lec. Topeka.

ANTHONOMUS, Germ.

quadrigibbus Say. Lawrence.
fulvus Lec. Topeka and western Kansas.
signatus Say. Topeka.
nigrinus Boh. Topeka.

MACRORHOPTUS, Lec.

estriatus Lec. Western Kansas; breeds in the seeds of Cullirhæ involucreta.

TYCHIUS, Sch.

sordidus Lec. Western Kansas.

CONOTRACHELUS, Sch.

nenuphar Hb. Eastern Kansas.
retentus Say. Topeka.
seniculus Lec. Topeka; common.
affinis Boh. Topeka and Lawrence.
nivosus Lec. Topeka; found on Euphorbia corollata abundantly.

adpersus Lec. Topeka and Lawrence; on Helianthus.

posticatus Say. Topeka and Lawrence.
anaglypticus Say. Topeka.
leucophæatus Fahr. Topeka.

RHYSSEMATUS, Sch.

lineaticollis Say. Topeka and Rooks county.

CHALCODERMUS, Sch.

æneus Boh. Topeka.

TYLODERMA, Say.

foveolatum Say. Eastern Kansas; frequent at Topeka, and found on Gaura.
æreum Say. Eastern Kansas; more com-

mon than the last named, and found on the same plant.

CRYPTORHYNCHUS, Ill.

bisignatus Say. Topeka.
obtentus Hb. Topeka.
tristis Lec. Topeka.

PIAZURUS, Sch.

oculatus Say. Topeka.

COPTURUS, Sch.

operculatus Say. Topeka and Lawrence.

CÆLIODES, Sch.

curtus Say. Topeka.
æcephalus Say. Topeka; on Gaura and Gnothera; common.
cruralis Lec. Topeka.

CÆUTORHYNCHUS, Germ.

sulcipennis Lec. Topeka.

RHINONCUS, Sch.

pericarpus L. Topeka; frequent.
pyrrhopus Boh. Eastern Kansas; common on Polygonum.

ORTHORIS, Lec.

Crotchii Lec. Western Kansas.

TRICHOBARIS, Lec.

texana Lec. Topeka and westward; on Helianthus.
trinotata Say. Eastern Kansas; common.

AULOBARIS, Lec.

naso Lec. Topeka.

BARIS, Germ.

strenua Lec. Topeka.

ONYCHOBARIS, Lec.

subtonsa Lec. Topeka; abundant on Oxybaphus nyctagineus.

PSEUDOBARIS, Lec.

fareta Lec. Eastern Kansas; on Salvia Pitheri.

angusta Lec. Topeka.

MADARUS, Sch.

undulatus Say. Topeka.

CENTRINUS, Sch.

scutellum-album Say. Eastern Kansas.
penicellus Hb. Eastern Kansas.
perscillus Gyll. Topeka.
picumnus Hb. Topeka.
deciplens Lec. Western Kansas.

BALANINUS, Germ.

nasicus Say. Eastern Kansas.

BRENTHIDÆ.

EUPSALIS, Lac.

minuta Drury. Eastern Kansas.

CALANDRIDÆ.

SPHENOPHORUS, Sch.

callosus Oliv. Topeka.
parvulus Gyll. Topeka and Lawrence.
sculptilis Uhl. Topeka.
costipennis —. Topeka.
cultellatus —. Lawrence and Topeka.
scoparius —. Lawrence.
vomerrinus Lec. Western Kansas.
Two undetermined species.

RHODOBÆNUS, Lec.

tridecimpunctatus Ill. Common throughout the State; most frequently found on ironweed (Vernonia) at Topeka.

CALANDRA, Clairv.

oryzæ F. Topeka; one specimen.
granaria F. Topeka. Introduced in grain

from the United States Department of Agriculture, but fortunately detected before the grain was sown. I know of no weevil infested granaries in this neighborhood.

DIROPHTHORUS, Sch.

corticalis Say. Topeka; in decayed wood.

COSSONUS, Clairv.

corticola Say. Lawrence and Topeka; found under bark.

SCOLYTIDÆ.

XYLEBORUS, Eich.

celsus Eich. Lawrence and Topeka.

xylographus Say. Lawrence and Topeka.

ANTHRIBIDÆ.

CRATOPARIS, Sch.

lunatus Fab. Eastern Kansas.

BRACHYTARSUS, Sch.

variegatus Say. Topeka; occasional.

APIONIDÆ.

APION, Hb.

segnipes Say. Topeka.

sp. undet. Topeka; on *Psoralea floribunda*.

sp. undet. Topeka; on *Helianthus lenticularis*.

CENTENNIAL CATALOGUE OF THE PLANTS OF KANSAS.

By Prof. James H. Carruth, of Lawrence.

It is not supposed that the botanical survey of Kansas is by any means complete. Not including the Cryptogamia below the Filices, Porter & Coulter's Flora of Colorado contains the names of about 1,050 species; Colman's catalogue of Michigan Southern peninsula, 1,375. Wood's Class-Book gives east of the Mississippi, including the South Atlantic and Gulf States, about 3,900. I have understood that Prof. Aughey, of Lincoln College, Neb., has a catalogue for that State of about 1,600. This may include the lower Cryptogamia. Probably we have in Kansas 1,200 to 1,500. We already have the names of about 1,080. Of these I have seen about 900. We have more to do. But, it being the centennial year, it has been thought advisable to have a centennial catalogue, including the species already known. I have not seen all of which I give the names, but shall give none of which I do not think I have reliable information. In such cases I shall give the names of my informants. Many of those heretofore given on the authority of others I have myself since seen, and give them as of my own knowledge.

OBSERVERS.

I have not traveled widely, but have been greatly aided by the observations of others. Before 1871, Mr. E. Hall, of Illinois, journeyed in Kansas, and published his observations. Prof. Snow, of the State University, and his students, have had their eyes open, and seen many plants. W. H. Saunders, M. D., recently of Lawrence, has reported a goodly number. In 1874 and 1875, L. Watson, M. D., sent me 400 to 500 species, often many specimens of each; a few this year. Mr. J. Henry, of Salina, sent me in 1875 about 150 species. Mr. E. A. Popenoe, of Topeka, has traveled in western Kansas, and reported quite a number. Prof. Mudge has sent some species. In 1876, W. S. Newlon, M. D., of Oswego, sent me about 200; a few in 1875. Mrs. Jewell (Miss E. C. Wright), of Irving, has sent several, and reported more. In 1874, Miss M. P. Wright, of Burlington, brought me about a dozen, four of which I have not seen here. I am indebted to Mr. James Wilson, of Leavenworth, for specimens of nearly all the ferns hitherto found in Kansas. A few other names will be found in the catalogue.